

IS 248:2023- SPECIFICATION FOR SODIUM BISULPHITE, TECHNICAL

Sodium bisulphite(sodium metabisulphite) is used in the preparation of dyes, intermediates, organic chemicals, perfumery; in the digestion of wood pulp, in leather tanning, as an antichlor and mordant in textile industry. It is also used as food preservative, in photography as reducing agent, in copper and brass plating, as colour preservative for pale crepe rubber, general antiseptic, as pesticides and a source of sulphur dioxide. This standard, however, does not cover its application as food preservative and pesticides.

IS 248:2023 prescribes the requirements and methods of sampling and testing for Sodium bisulphite. The technical grade is generally suitable for non-food and non-pharmaceutical uses, where higher purity is not required.

This standard specifies requirements for the Sodium bisulphite, including its quality, method of sampling, packaging, and packaging & marking. Key specifications include purity, PH, Iron ,matter insoluble in water, Heavy metals, appearance of solution of Sodium bisulphite. The minimum percentage of purity(as SO₂ content) of Sodium bisulphite is 60.

These standards help to ensure that Sodium bisulphite (sodium metabisulphite) is of the right quality for its intended use and is handled safely.